

Amendments to the Specification:

Replace the paragraph on page 20, lines 24-25 with the amended paragraph below.

B1 **Fig. 6** shows the partial sequences (SEQ ID NOs:1-4 and 6-22) of the synthetic peptides from the ED_b-fibronectin domains used in Fig. 5;

Replace the paragraph on page 28, lines 8-11 with the amended paragraph below.

B2 **Fig. 6** shows the partial sequences (SEQ ID NOs:1-4 and 6-22) of the synthetic ED-B peptides with the selected sequence designations that are removed from the total sequence of the ED_b-fibronectin domains. The one character code for the amino acids is used.

Replace the paragraphs beginning on page 31, line 26 to page 32, line 25 with the amended paragraphs below.

B3 **For the covalent coupling of proteins to sepharose SEPHAROSE, the following process was selected:**

Material: Activated CH sepharose SEPHAROSE 4 B Pharmacia Biotech, Code No. 17-0490-01

1 mmol of HCl, 2.2% NaHCO₃

Method: The HCl is cooled in an ice bath, the sepharose is allowed to heat to room temperature.

Then, the sepharose SEPHAROSE is washed with 1 mmol of HCl. 10 ml of HCl is required per ml of sepharose SEPHAROSE. The sepharose SEPHAROSE is allowed to trickle slowly into the precooled tube, where it then swells for about 15 minutes. (1 g of sepharose SEPHAROSE corresponds to 3 ml of swollen sepharose SEPHAROSE.) Then, the tube is centrifuged for 1 minute at 800 U. The supernatant is pipetted off and discarded. This process is repeated three times.

After the third washing, HCl is again added, the tube is swung around and centrifuged for 3-5 minutes at 800 U. The supernatant is pipetted off, and the pellet is dissolved with 20 ml of millipore water and transferred into two new centrifuging tubes (1

B3
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tube each for 7-EDB-8-9 ~~sepharose~~ SEPHAROSE and for 7-8-9 ~~sepharose~~ SEPHAROSE, i.e., ~~sepharose~~ SEPHAROSE to which a polypeptide with repeats III7, ED b, III8 and III9 or III7, III8 and III9 is coupled). The tubes are again centrifuged off immediately, the supernatant is pipetted off, and 1-5 mg of protein/ml of ~~sepharose~~ SEPHAROSE can be coupled.

(i.e., 2 mg of protein/ml of ~~sepharose~~ SEPHAROSE 7-8-9
2 mg of protein/ml of 7-EDB-8-9)--

Replace the paragraph on page 33, lines 5-7 with the amended paragraph below.

B4

--To determine the protein concentration, which is to be used in the covalent coupling to ~~sepharose~~ SEPHAROSE, a Bradford test was carried out:--

Replace the section on page 33, lines 19-20 with the amended section below.

B5

-~~Material~~: Activated CH ~~sepharose~~ SEPHAROSE 4B Pharmacia Biotech, Code No. 17-0490-01--